

8EHQ-1101-15022

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November 15, 2001

Via Federal Express

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Room G99 East Tower  
Attention: 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U. S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

8EHQ-01-15022  
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COMPANY SANITIZED

Dear 8(e) Coordinator:

Mixture of  
Substituted PTFE and 2,3-dihydrodecafluoropentane(8EHQ-9391-2263)

This letter is to inform you of the results of a recently completed acute inhalation toxicity study conducted in rats with the above referenced test mixture.

Three groups of 6 male Crl:CD®(SD)IGS BR rats each, were exposed nose-only to aerosol/vapor atmospheres of the test mixture for a single, 4-hour period. Concentrations tested included 40, 66, or 110 mg/L. Rats were observed for clinical signs of toxicity during and immediately following exposure and during a 14-day recovery period.

All rats exposed to 40 mg/L survived the exposure and subsequent 14-day recovery period. At 66 mg/L, 1 of 6 rat died during exposure. Five of 6 rats died during the exposure to 110 mg/L.

Clinical signs of toxicity noted during the study included a diminished or no response to an auditory stimulus in rats during the exposure at 66 mg/L. In addition, 1 rat exhibited abnormal gait immediately following exposure to 110 mg/L. The rats displaying clinical signs of toxicity survived the study. All clinical signs of toxicity were reversible and had resolved by the 1<sup>st</sup> recovery day.

We believe these results are due to the predominant component of this test mixture, based on studies previously reported to the Agency (8EHQ-9391-2263).

Under these experimental conditions, the clinical signs described above appear to be reportable, based upon guidance given in the EPA TSCA Section 8(e) Reporting Guide (June 1991).

Sincerely,

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